

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): An optical data recording and storage medium comprising a substrate and at least one ~~that includes a first~~ reflective layer able to transmit and reflect laser light, the layer formed from a silver-based alloy containing at least 97.0 wt.% silver and ~~comprising from about 0.1 to about 3.0 wt.% based on the total weight of alloy, of samarium~~ (Sm) from about 0.2 to about 1.0 wt.% samarium (Sm) and from about 0.2 to about 2.0 wt.% copper (Cu) .

Claim 2 (canceled)

Claims 3 (previously presented): The optical data recording and storage medium of claim 1 wherein said silver-based alloy comprises from about 0.25 to about 0.35 wt.%, based on the total weight of alloy, of samarium (Sm).

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (currently amended): The optical data recording and storage medium of claim ~~[[5]]~~ 1 wherein said silver-based alloy comprises from about 0.25 to about 1.0 wt.% copper (Cu).

Claim 7 (canceled)

Claim 8 (currently amended): The optical data recording and storage medium of claim ~~[[7]]~~ 1 wherein said silver-based alloy further comprises from about 0.05 to about 0.5 wt.% titanium (Ti).

Claim 9 (previously presented): The optical data recording and storage medium of claim 8 wherein said silver-based alloy comprises from about 0.1 to about 0.3 wt.% titanium (Ti).

Claim 10 (canceled)

Claim 11 (currently amended): The optical data recording and storage medium of claim [[10]] 1 wherein said silver-based alloy further comprises from about 0.1 to about 1.5 wt.% manganese (Mn).

Claim 12 (currently amended): The optical data recording and storage medium of claim 11 wherein said silver-based alloy comprises from about 0.2 to about 0.8 wt.% manganese (Mn).

Claim 13 (canceled)

Claim 14 (canceled)

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (currently amended): The optical data recording and storage medium of claim 1 wherein said silver-based alloy ~~further comprises~~ consists essentially of from about 0.2 to about 1.0 wt.% samarium (Sm), from about 0.2 to about 2.0 wt.% copper (Cu), from about 0.1 to about 0.3 wt.% titanium (Ti), and manganese (Mn), the balance being silver (Ag).

Claim 18 (previously presented): The optical data recording and storage medium of claim [[17]] 1 wherein said silver-based alloy consists essentially of from about 0.25 to about 0.35 wt.% samarium (Sm), from about 0.25 to about 1.0 wt.% copper (Cu), from about 0.1 to about 0.3 wt.% titanium (Ti), and from about 0.2 to about 0.8 wt.% manganese (Mn), the balance being silver (Ag).

Claim 19 (previously presented): The optical data recording and storage medium of claim 18 wherein said silver-based alloy consists essentially of about 0.3 wt.% samarium (Sm), about 0.7 wt.% copper (Cu), about 0.2 wt.% titanium (Ti), and about 0.5 wt.% manganese (Mn), the balance being silver (Ag).

Claims 20 through 28 (canceled)